

Appendix D – Permit Reapplication Proposal

STATE OF MISSOURI

DEPARTMENT OF NATURAL RESOURCES

MISSOURI CLEAN WATER COMMISSION

MISSOURI STATE OPERATING PERMIT

In compliance with the Missouri Clean Water Law, (Chapter 644 R.S. Mo. as amended, hereinafter, the Law), and the Federal Water Pollution Control Act (Public Law 92-500, 92nd Congress) as amended,

Permit No. MO-0126322

Owner: City of Springfield

Address: 840 Boonville Avenue, Springfield, MO 65801

Continuing Authority: Springfield Public Works Storm Water Services

Address: PO Box 8368, Springfield, MO 65801-8368

Facility Name: Springfield Municipal Separate Storm Sewer System

Facility Address: Springfield, MO 65801

is authorized to discharge from the facility described herein, in accordance with the effluent limitations and monitoring requirements as set forth herein:

FACILITY DESCRIPTION

In compliance with the provisions of the Clean Water Act, 33 USC 1251 *et seq.*, as amended by the Water Quality Act of 1987, PL 100-4, the "Act", **City of Springfield** (hereinafter referred to as "The City" or "Permittee") is authorized by the Missouri Department of Natural Resources, (hereinafter referred to as MDNR) to discharge from all portions of the City of Springfield Municipal Separate Storm Sewer System ("MS4"), to the waters of the State in accordance with the approved Storm Water Management Program (SWMP), monitoring requirements, and other provisions set forth in Parts I, II, III, IV, V, VI, VII, and VIII herein.

This permit authorizes only wastewater discharges under the Missouri Clean Water Law and the National Pollutant Discharge Elimination System; it does not apply to other regulated areas. This permit may be appealed in accordance with Section 644.051.6 of the Law.

July 26, 2007
Effective Date

Director, Department of Natural Resources

July 25, 2012
Expiration Date

Director of Staff, Clean Water Commission

PART I. DISCHARGE AUTHORIZED UNDER THIS PERMIT

- A. Permit Area.** This permit covers all areas located within the corporate boundary of the City of Springfield that are served by a municipal separate storm sewer system (MS4) owned or operated by the permittee.
- B. Authorized Discharges.** This permit authorizes all existing or new storm water point source discharges to waters of the State from the Permittee's MS4. This permit also authorizes the discharge of storm water commingled with flows contributed by process wastewater, non-process wastewater, and storm water associated with industrial activity, provided the discharges are regulated by other NPDES permits or are discharges which are not significant sources of pollutants as described under Part I.B.1.
1. The following non-storm water discharges are authorized by this permit, provided they are not identified by either the permittee or MDNR as contributing significant amounts of pollutants to waters of the State of Missouri.
 - a. water line flushing
 - b. landscape irrigation
 - c. uncontaminated groundwater infiltration (as defined at 40 CFR 35.2005(20))
 - d. discharges from potable water sources
 - e. foundation drains
 - f. air conditioning condensate
 - g. springs
 - h. water from crawl space pumps
 - i. footing drains
 - j. lawn watering
 - k. non-commercial car washing
 - l. natural flows from riparian habitats and wetlands
 - m. street wash waters
 - n. fire fighting activities
 - o. diverted stream flows
 - p. rising groundwater or springs
 - q. uncontaminated pumped groundwater
 - r. irrigation water
 - s. dechlorinated swimming pool discharges
 2. **Limitations of Coverage.** The following discharges, whether discharged separately or commingled with municipal storm water, are not covered by this permit:
 - a. *Non-storm Water:* Discharges of non-storm water from water contaminant point sources located within the City of Springfield, MO, that are subject to Operating Permit requirements under 10 CSR 20-6.010 (5) must be authorized under a separate State Operating Permit. This permit does not transfer responsibility for compliance with any separate State Operating Permit to the City.
 - b. *Storm Water Discharge Associated with Industrial Activity:* Storm water discharge associated with industrial activity or construction activity that is subject to storm water permitting requirements under 10 CSR 20-6.200 (2) must be authorized under a separate storm water State Operating Permit. This permit does not transfer responsibility to the City for compliance with any separate State Operating Permit for storm water discharge associated with industrial activity or land disturbance activity.

- c. *Spills*: discharges of material resulting from a spill. This permit does not transfer liability for a spill from the party (ies) responsible for the spill to the permittee nor relieve the party (ies) responsible for a spill from applicable federal, state, and local requirements.

C. Permittee Responsibilities

The permittee is responsible for:

1. Compliance with permit conditions relating to discharges from portions of the Municipal Separate Storm Sewer System where the permittee is the operator;
2. Storm Water Management Program implementation on portions of the Municipal Separate Storm Sewer System where the permittee is the operator;
3. Collection of representative wet weather monitoring data required by Part VI.A., according to such agreements as may be established between permittee and other entities.
4. Compliance with annual reporting requirements on SWMP activities conducted by the permittee as specified in Part VI.C.

PART II. STORM WATER MANAGEMENT PROGRAM

The City of Springfield, MO shall implement a Storm Water Management Program (SWMP) including controls necessary to effectively prohibit non-storm water discharges into municipal separate storm sewers, and reduce the discharge of pollutants from the MS4 to the Maximum Extent Practicable (MEP). The SWMP shall be implemented in accordance with Section 402 (p) (3) (B) of the Clean Water Act, the federal Storm Water Regulations (40 CFR Part 122.26), and the state storm water regulations (10 CSR 20 6.200).

The SWMP shall cover the term of the permit and shall be updated as necessary to ensure compliance with the statutory requirements of Section 402 (p) (3) (B) of the Act. Modification to the SWMP shall be made in accordance with Parts III.G., and VIII.C. Compliance with the SWMP and any schedules in Part IV shall be deemed in compliance with Parts III.A. and III.B. The SWMP, and all updates made in accordance with Part III.G., are hereby incorporated by reference.

Implementation of the SWMP may be achieved through participation with public agencies, or private entities in cooperative efforts to satisfy the requirements of Part III. The SWMP, taken as a whole, shall achieve the “effective prohibition on the discharge of non-storm water” and “MEP” standards from Section 402 (p) (3) (B) of the Act.

PART III. SWMP REQUIREMENTS

A. SWMP Requirements

SWMP requirements consist of the following:

1. ***Operation and Maintenance of Structural Controls Owned and Operated by the Permittee.*** The MS4 shall be operated in a manner to reduce the discharge of pollutants to the MEP.
 - a. The permittee shall continue to update and maintain the inventory data for the MS4 within the City boundaries.
 - b. The permittee shall develop a maintenance program for the MS4 that reduces the discharge of pollutants to the MEP by:
 - i. Identifying and prioritizing maintenance needs
 - ii. Performing maintenance projects

- c. The permittee shall continue its existing program of cleaning the MS4 to reduce the discharge of excess materials during storm events.
2. ***Program to Control Post-Construction Discharge from Areas of New Development and Significant Redevelopment.*** The permittee shall implement a program to reduce the discharge of pollutants to the MS4 from areas of new development or areas of significant redevelopment after construction is completed by:
- a. Including water quality considerations in land use planning, site plan review and approval, and subdivision approval. Specifically, the permittee shall include as part of the SWMP, project review and approval procedures for new development and significant redevelopment. The program shall include:
 - i. Procedures for incorporating and addressing post-construction storm water quality concerns as part of the permitting process for new development and significant redevelopment, including detailed procedures for inter-departmental review and conditioning to ensure appropriate BMPs are incorporated into approved design plans.
 - ii. A description of review standards and a description of the site development review process to be used to educate both internal staff and external project proponents.
 - iii. Minimum design criteria for structural BMPs.
 - b. Operation and maintenance of post-construction BMPs, including regional detention basins. The permittee shall continue to implement a maintenance program for the storm water regional detention basins that are owned or operated by the permittee.
3. ***Program to Control Discharge from Roadways.*** The permittee shall operate publicly-owned streets, roads, and highways in a manner to reduce the impacts on receiving waters of discharges from the MS4, including pollutants discharged as a result of deicing activities, by:
- a. Continuing to store and cover deicing chemicals to minimize the discharge of deicing salts to the MS4.
 - b. Continuing to effectively sweep City streets while considering water quality and watershed goals and objectives.
 - c. Implementing BMPs during street maintenance activities as necessary to reduce the discharge of pollutants to the MS4 to the MEP.
4. ***Program to Assess Impact of Flood Control Projects on Water Quality Conditions.*** Impacts on receiving water quality shall be assessed for all flood management projects. The feasibility of retrofitting existing structural flood control devices to provide additional pollutant removal from storm water shall be evaluated.
- a. The permittee shall assess the impacts of new flood management projects on the water quality of receiving waters and evaluate the feasibility of constructing controls to reduce the discharge of pollutants to the MEP.
 - b. The permittee shall evaluate existing major flood control facilities for retrofitting with storm water quality controls by:
 - i. Identifying structures owned and operated by the permittee that could be enhanced by retrofitting with storm water quality features;
 - ii. Evaluating the feasibility of retrofitting those structures based upon considerations of type, location, watershed, benefits and cost;
 - iii. Evaluating the potential to develop projects in cooperation with property owners to retrofit privately-owned and maintained facilities with water quality controls.

5. ***Program to Control Pollutants in Runoff from Municipal Waste Management Facilities that are not Permitted by a Separate Permit.***

No active municipal waste landfills are located in the City of Springfield, and the City does not operate a residential or commercial trash collection service. The City-operated landfill is located outside the city limits and is permitted by a separate permit. Municipal landfills and treatment, storage or disposal facilities (TSDs) for municipal waste will be permitted by a separate permit.

6. ***Program to Reduce the Discharge of Pesticides, Herbicides, and Fertilizers (PHFs).***

The permittee shall implement a program to reduce to the MEP, pollutants in discharges from the MS4 that are associated with PHFs, by:

- a. Continuing the City's public education program to promote the proper use, handling, storage, and disposal of PHFs.
- b. Continuing to implement BMPs to reduce the contribution of pollutants associated with the application, storage, and disposal of PHFs on city-owned property and right-of-ways.

7. ***Program to Reduce Illicit Discharges, Spills, and Improper Disposal.*** The permittee shall implement a program to prohibit non-storm water discharges to the MS4.

- a. An existing city ordinance prohibits illicit discharges to the MS4, excluding certain listed de minimis discharges, and grants authority for inspection and enforcement. In accordance with this ordinance, the permittee shall continue its standard procedures for investigation when illicit discharges are discovered or reported and pursue enforcement to remove such discharges.
- b. The permittee shall continue a field screening program for illicit discharges. In year one, dry-weather screening for non-storm water discharges will be conducted on known major outfalls. In each annual report, a plan for dry-weather screening for the following year will be provided based on the findings of the previous year's program as well as pollution reports and other applicable information. The following information will be recorded when locations are screened:
 - Location
 - Structure type and size
 - Date and time
 - Flow – Presence/Absence

Any point that is found to have flow will be investigated to locate its source. If the source cannot be located, a sample will be taken and analyzed for relevant parameters.

- c. The permittee shall continue to respond to reports of spills that may discharge to the MS4. The City's Fire Department will continue to provide the services of the Hazardous Materials Response team to respond to spills of hazardous materials.
- d. The permittee shall continue to implement a program that informs the public on how to report spills, illegal dumping, illicit connections, and water quality problems. The program will provide the public information on what to look for and how to report incidents.
- e. The permittee shall continue to implement a program that informs the public on how to correctly manage and dispose of used oil and household toxic materials.
- f. The permittee shall continue its sanitary sewer maintenance program to limit infiltration from municipal sanitary sewers to the MS4.

8. ***Program to Control Pollutants from Industrial and Other High Risk Runoff Areas that are not Permitted by a Separate Permit.*** The permittee shall continue to implement a program to monitor and control pollutants in storm water discharges to the MS4 from

hazardous waste treatment, disposal and recovery facilities; industrial facilities that are subject to SARA Title III Section 313 and other industrial or commercial facilities that the permittee determines are contributing or have the potential to contribute a substantial pollutant loading to the MS4, by:

- a. Developing an inventory of industrial and other high risk dischargers to the MS4 that are not permitted by a separate Missouri State Operating Permit. These facilities could include:
 - i. Hazardous waste treatment, disposal and recovery facilities;
 - ii. Industries subject to reporting requirements pursuant to SARA Title III Section 313; and
 - iii. Other non-permitted industrial and commercial facilities that the permittee determines are a high risk for contributing pollutants to the MS4.
 - b. Establishing a priority list of facilities identified in 8.a based on existing or potential pollutant loading.
 - c. Developing an inspection or self-auditing program to assess these facilities. An inspection program can be combined with other existing inspection programs (i.e. pretreatment) where applicable.
 - d. Developing an industrial and other high-risk runoff source monitoring action plan for monitoring runoff from the priority facilities identified pursuant to Part III.A.8.b.
 - e. Alternative Certification: In lieu of monitoring, the permittee may accept a certification from a facility that raw and waste materials, final and intermediate products, by-products, material handling equipment or activities, industrial machinery or operations, or significant materials from past industrial activity are not presently exposed to storm water and are not expected to be exposed to storm water for the certification period. Where the permittee accepts a “no exposure” certification, the permittee shall conduct at least one site inspection of the facility every five years to verify the facility’s “no exposure” exemption.
9. ***Program to Reduce Pollutants in Construction Site Runoff.*** The permittee shall continue its program to reduce to the MEP the discharge of erosion and sediment pollutants to the MS4 from construction sites disturbing one or more acres, by:
- a. Continuing to implement and revise regulations and standard practices to require implementation of erosion and sediment control BMPs and other measures during all active construction activities.
 - b. Maintaining an inventory of active construction sites disturbing one or more acres.
 - c. Inspecting all active construction sites for compliance with the City’s grading ordinance and grading permit. Inspections shall include a visual review of site erosion and sediment controls, BMP implementation plans, and/or SWPPPs. Records of inspections shall be retained by the permittee.
 - d. Providing education and training to inspectors and the construction industry.
 - e. Enforcing the permittee’s construction site runoff program. The permittee shall enforce its municipal ordinances (erosion and sediment control, MS4 Regulations) and permits (construction, grading, building, etc.) at construction sites as necessary to comply with this permit. The permittee shall develop and implement a written progressive enforcement policy to ensure construction sites are brought into compliance. The permittee’s ordinances or other regulatory mechanisms shall contain sanctions to ensure compliance.

B. Area-specific SWMP Requirements. Reserved.

- C. Deadlines for Program Implementation.** Except as provided in Part IV., and as permitted by appropriations from the governing body, the SWMP shall be implemented within 90 days from the effective date of the permit.
- D. Roles and Responsibilities of Permittee.** The permittee is responsible for implementing the City's SWMP in areas located within the corporate boundary of the City that are served by municipal separate storm sewers owned or operated by the permittee. The permittee is responsible for Part VI. Monitoring requirements and annual reporting on SWMP activities conducted by the permittee.
- E. Legal Authority.** The permittee shall ensure legal authority to control discharges to and from the MS4. This legal Authority may be a combination of statute, ordinance, permit, contract, order or inter-jurisdictional agreements with another jurisdiction, with existing legal authority to:
1. Control the contribution of pollutants to the MS4 by storm water discharges associated with industrial activity and the quality of storm water discharged from sites of industrial activity;
 2. Prohibit illicit discharges to the MS4;
 3. Control the discharge of spills and the dumping or disposal of material other than storm water (e.g. industrial and commercial wastes, trash, used motor vehicle fluids, leaf litter, grass clippings, animal wastes, etc.) into the MS4;
 4. Control through interagency or inter-jurisdictional agreements the contribution of pollutants from one portion of the MS4 to another;
 5. Require compliance with conditions in ordinances, permits, contract or orders; and
 6. Carry out all inspection, surveillance and monitoring procedures necessary to determine compliance with permit conditions.
- F. SWMP Resources.** As permitted by law and subject to annual appropriations of the governing body, adequate resources shall be provided to implement activities under the SWMP. Changes to the SWMP that are necessitated by resource limitations shall be communicated to the Water Pollution Control Program and appropriate updates to the SWMP shall be made in accordance with Part. III.G.
- G. SWMP Review and Update.**
1. SWMP Review: The permittee shall conduct an annual review of the SWMP in conjunction with preparation of the annual report required under Part. VI.C.
 2. SWMP Update: The permittee shall change the SWMP during the life of the permit in accordance with the following procedures:
 - a. The approved SWMP shall not be changed by the permittee without the approval of the Water Pollution Control Program, unless in accordance with Part III.G.2.b., c., or d.
 - b. Changes adding (but not subtracting or replacing) components, controls, or requirements to the SWMP may be made by the permittee at any time. Such changes are automatically incorporated into the approved SWMP upon written notification to the Water Pollution Control Program Permits section.
 - c. Changes replacing an ineffective or unfeasible BMP or other mechanism to implement a program component specifically identified in the SWMP with an alternate BMP may be requested at any time. Unless denied by the Water Pollution Control Program, changes proposed in accordance with the criteria below shall be deemed approved and may be implemented by the permittee 60 days from submittal of the request. Such requests shall include the following:

- (1) an analysis of why the BMP is ineffective or infeasible (including cost prohibitive);
 - (2) expectations on the effectiveness of the replacement BMP; and
 - (3) an analysis of why the replacement BMP is expected to achieve the goals of the BMP to be replaced.
 - d. Changes resulting from schedules contained in Part IV are automatically incorporated into the approved SWMP upon written notification to the Water Pollution Control Program in accordance with Part IV.B.
 - e. Change requests or notifications shall be made in writing and signed in accordance with Part VI.D.
 3. Transfer of Ownership, Operational Authority, or Responsibility for SWMP Implementation: The permittee shall implement the SWMP on all areas added to their portion of the MS4 (or for which they become responsible for implementation of storm water quality controls) as expeditiously as practical, but not later than three years from addition of the new areas. Implementation may be accomplished in a phased manner to allow additional time for control that cannot be implemented immediately due to resource, technological, or feasibility constraints.
- H. Retention of SWMP Records.** The permittee shall retain the SWMP developed in accordance with Parts III. and IV. for at least 3 years after coverage under this five-year permit terminates.

PART IV. SCHEDULES FOR IMPLEMENTATION AND COMPLIANCE

The permittee shall comply with the following schedules for the SWMP implementation and augmentation, and permit compliance.

- A. Implementation and Augmentation of the SWMP Requirements.** The program elements are taken from Part III.A of this permit.

Activity	Date 1 st Deliverable Due / Frequency Thereafter
1. Operation and Maintenance of Structural Controls Owned and Operated by the Permittee	
a. Update and maintain the MS4 inventory data	Year 1 Annual Report / Annually
b. Develop a maintenance program to reduce pollutants by:	
i. Identifying and prioritizing maintenance needs	Year 1 Annual Report / Annually
ii. Performing maintenance projects	Year 2 Annual Report / Annually
c. Continue to implement cleaning program for the MS4	Year 1 Annual Report / Annually
2. Program to Control Post-Construction Discharge from Areas of New Development and Significant Redevelopment	
a. Implement procedures, review standards, and minimum design criteria	Year 1 Annual Report / Annually
b. Continue to maintain regional detention basins owned/operated by the permittee	Year 1 Annual Report / Annually
3. Program to Control Discharges from Roadways	
a. Continue to store and cover deicing chemicals	Year 1 Annual Report / Annually
b. Continue street sweeping program	Year 1 Annual Report / Annually
c. Continue to implement BMPs for street maintenance	Year 1 Annual Report / Annually

4. ***Program to Assess Impact of Flood Control Projects on Water Quality Conditions.***
 - a. Assess new projects and evaluate feasibility of incorporating water quality controls Year 1 Annual Report / Annually
 - b. Evaluate existing major flood control facilities for retrofitting by:
 - i. Identifying facilities owned by the permittee Year 1 Annual Report
 - ii. Evaluating feasibility of retrofitting facilities owned by the permittee Year 1 Annual Report
 - iii. Evaluating the potential to retrofit privately-owned facilities Year 1 Annual Report / Annually
5. ***Program to Control Pollutants in Runoff from Municipal Waste Management Facilities that are not Permitted by a Separate Permit***
 - a. No action needed None
6. ***Program to Reduce the Discharge of Pesticides, Herbicides, and Fertilizers (PHFs)***
 - a. Continue public education program Year 1 Annual Report / Annually
 - b. Continue to implement BMPs on city property and right-of-ways Year 1 Annual Report / Annually
7. ***Program to Reduce Illicit Discharges, Spills, and Improper Disposal***
 - a. Continue standard procedures for investigation and enforcement Year 1 Annual Report / Annually
 - b. Field Screening Program Year 1 Annual Report / Annually
 - c. Continue spill response Year 1 Annual Report / Annually
 - d. Continue public education program on illicit discharge reporting Year 1 Annual Report / Annually
 - e. Continue public education program on proper disposal of used oil and household toxic materials Year 1 Annual Report / Annually
 - f. Continue sanitary sewer maintenance program Year 1 Annual Report / Annually
8. ***Program to Control Pollutants from Industrial and other High Risk Runoff Areas that are not Permitted by a Separate Permit***
 - a. Develop an inventory of facilities Year 1 Annual Report / Annually
 - b. Establish a priority list Year 1 Annual Report / Annually
 - c. Develop an inspection or self-auditing program Year 2 Annual Report / Annually
 - d. Develop a monitoring action plan Year 2 Annual Report / Annually
9. ***Program to Reduce Pollutants in Construction Site Runoff***
 - a. Continue to implement and revise regulations and standard practices Year 1 Annual Report / Annually
 - b. Maintain an inventory of active construction sites Year 1 Annual Report / Annually
 - c. Inspect all active construction sites Year 1 Annual Report / Annually
 - d. Provide education and training Year 1 Annual Report / Annually
 - e. Develop and implement enforcement policy Year 1 Annual Report / Annually
- B. **Reporting Compliance with Schedules.** With the annual report, the permittee shall submit to the Water Pollution Control Program a written notice of compliance or noncompliance for a specific action (interim milestone or final deadline) identified in the above schedule(s). This

section shall supersede the Schedule of Compliance requirements contained in Standard Conditions.

PART V. DISCHARGE LIMITATIONS

The permittee shall reduce the discharge of pollutants from the MS4 to the maximum extent practicable in accordance with Section 402 (p) (3) (B) of the Clean Water Act.

PART VI. MONITORING AND REPORTING REQUIREMENTS

A. Storm Event Discharges

1. *Representative Monitoring:* The permittee shall conduct a monitoring program for representative data collection for the five year term of the permit to continue to characterize the quality of storm water discharges from the MS4. The permittee shall monitor at the in-stream monitoring locations listed in Table VI.A.1.a. The permittee shall collect samples and analyze for parameters listed in Table VI.A.1.b. Modifications to the monitoring program, including but not limited to, alternate representative monitoring locations or changes in parameters may be substituted for just cause during the term of the permit. Notification of monitoring program modifications shall be made to the Water Pollution Control Program in writing and include the rationale for the requested modifications. Unless disapproved by the Water Pollution Control Program, the requested modifications to the monitoring program may commence 30 days from the date of the request.

Table VI.A.1.a		
Monitoring Point	Location	Description
#001	South Creek at Golden	Residential
#002	Jordan Creek at Bennett	Industrial/Commercial
#003	Wilsons Creek at FR 146	Commercial/Residential
#004	Galloway at Hwy 60	Residential
#005	Jones Branch at Jones Mill Lane	Sinkhole area
#006	Pea Ridge at FR 102	Commercial/Residential

Table VI.A.1.b
Total Suspended Solids (TSS)
Total Dissolved Solids (TDS)
Oil and Grease
Ammonia (NH ₃ -N)
Nitrate + Nitrite
Total Kjeldahl Nitrogen
Dissolved Phosphorus
Total Phosphorus
pH
BOD, 5-day
COD
E. Coli
Chromium
Copper
Lead
Nickel
Silver
Zinc
Mercury
Cadmium
Hardness
Toxicity (microtox)

2. *Storm Event Data:* For Part VI.A.1, quantitative data shall be collected to estimate pollutant loadings and event mean concentrations for each parameter sampled. Records shall be maintained of all analytical results, the date and duration (in hours) of the storm event(s) sampled; rainfall measurements or estimates (in inches) of the storm event which generated the sampled runoff; the duration (in hours) between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event; and an estimate of the total flow of the discharge sampled.
3. *Sample Type, Collection, and Analysis:* Analysis and collection of samples shall be done in accordance with methods specified in 40 CFR Part 136. Where an approved Part 136 method does not exist, any available method may be used unless a particular method or criteria for method selection (such as sensitivity) has been specified in the permit.
 - a. Monitoring frequency is 4 times per year, once per season, in accordance with the procedures below.
 - b. Samples shall be collected using stage samplers that will obtain samples during the rising limb of the storm event. These samples will be analyzed for all parameters listed in Table VI.A.1.b except for E. Coli. A grab sample will be collected to be analyzed for E. Coli.
 - c. Samples shall be collected from a storm event of at least 0.2 inches preceded by at least 72 hours with no precipitation greater than 0.1 inch.

B. Biological Sampling. The permittee shall collect bioassessment data to obtain direct measurements of stream ecosystem conditions. The ultimate goals of bioassessment are to assess the biological integrity of receiving waters, to detect biological responses to pollution, and to identify probable causes of impairment not detected by chemical and physical water quality analysis. Bioassessment data shall be used to identify long-term trends in the quality and character of stream biotic communities.

1. The permittee shall continue to conduct biological assessments of at least two urban streams annually.

C. Annual Report. The permittee shall prepare and submit an Annual Report no later than six months following the period covered by the report. The report shall cover a fiscal year (July 1 – June 30) and will be due by December 31 each year. The permittee shall sign and certify the Annual Report in accordance with Subpart VI.D of the permit, and shall include a statement or resolution that the permittee's governing body or agency (or delegated representative) has reviewed or has been apprised of the content of the Annual Report. The Annual Report shall include the following:

1. The status of implementing the components of the SWMP that are established as permit conditions;
2. Proposed changes to the components of the SWMP that are established as permit conditions;
3. Evaluation of the effectiveness of the SWMP in improving water quality, a description of the direct and/or indirect measurements used in the evaluation, and a description of SWMP revisions based on the evaluation;
4. A summary of data, including monitoring data, accumulated throughout the reporting year;
5. Annual expenditures during the reporting period and budget for the year following each annual report;
6. A summary describing the number and nature of enforcement actions, inspections and public education programs; and
7. Identifications of water quality improvements or degradation.

D. Certification and Signature of Reports. All reports required by the permit and other information requested by the Director shall be signed by:

1. For a municipality, State, or other public agency: either a principal executive officer or ranking elected official; or
2. A duly authorized representative of that person. A person is a duly authorized representative only if:
 - a. The authorization is made in writing by a person described above and submitted to the Director.
 - b. The authorization specifies an individual or a position have responsibility for the overall operation of the regulated facility or activity, such as the position of manager, operator, superintendent, or position of equivalent responsibility or an individual having overall responsibility for environmental matters for the company. A duly authorized representative may thus be a named individual or any individual occupying a named position.
 - c. If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new written authorization satisfying the requirements of this paragraph must be submitted to the Director prior to or together with any reports, information, or applications signed by an authorized representative.
3. Certification: Any person signing documents under this section shall make the following certification: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

E. Reporting: Where and When to Submit.

1. Representative monitoring results (Part VI.A.1) obtained during the reporting period shall be submitted along with the annual report required by Part VI.C.
2. Signed copies of discharge monitoring reports required under Part VI., the Annual Report required by Part VI.C., requests for SWMP updates, changes in monitoring locations, other reports required herein or an application for an individual permit shall be submitted to:

Attn: Permits and Engineering Section
Water Protection Program
Missouri Department of Natural Resources
P.O. Box 176
Jefferson City, MO 65102

PART VII. STANDARD CONDITIONS

In addition to specified conditions stated herein, this permit is subject to the attached Part I Standard Conditions dated October 1, 1980, and hereby incorporated as though fully set forth herein.

PART VIII. PERMIT MODIFICATION

- A. Modification of the Permit.** This permit may be reopened and modified, or alternatively revoked and reissued, in accordance with 10 CSR 20-6.
- B. Termination of Coverage for a Single Permittee.** NA
- C. Modification of SWMPs.** Only those portions of the SWMP specifically required as permit conditions shall be subject to the modification requirements of 10 CSR 20-6. The following changes shall be considered minor changes to the SWMP and not modifications to the permit: changes made by the permittee to add components, controls, or requirements; changes made by the permittee to replace an ineffective or infeasible BMP implementing a required component of the SWMP with an alternate BMP expected to achieve the goals of the original BMP; and changes required as a result of schedules contained in Part I. (See also Part III.G.)
- D. Changes in Monitoring Locations.** Changes in monitoring locations will be made in accordance with the procedures in Part VI.A.1.
- E. TMDL Implementation.** This permit may be reopened and modified to incorporate new or modified Best Management Practices (BMPs) if, as the result of a watershed analysis, a Total Maximum Daily Load (TMDL) limitation is developed for the receiving waters which are currently included in Missouri's list of waters of the state not fully achieving the state's water quality standards, also called the 303(d) list. Any permit modification to implement a TMDL shall be conducted in accordance with 10 CSR 20-6.

PART IX. DEFINITIONS

Definitions as set forth in the Missouri Clean Water Law and Missouri Clean Water Commission Definition Regulation 10 CSR 20-2.010 and Storm Water Regulations 10 CSR 20-6.200 shall apply to terms used herein. Unless otherwise specified, additional definitions of words or phrases used in this permit are as follows:

- A. CWA or "The Act"** means Clean Water Act (formerly referred to as the Federal Water Pollution Control Act or Federal Water Pollution Control Act Amendments of 1972) Public. 92-500, as amended Pub.L. 95-217, Pub.L. 95-576, Pub-L. 96-483, and Pub.L. 97-117, 33 USC 1251 et. seq.

- B. Discharge for the purpose of this permit, unless indicated otherwise, refers to discharges from the MS4.
- C. MEP is an acronym for Maximum Extent Practicable, the technology-based discharge standard for MS4s established by CWA '402 (p).
- D. MS4 is an acronym for Municipal Separate Storm Sewer System and refers to either a Large or Medium Municipal Separate Storm Sewer System.
- E. Part “#” refers, unless otherwise indicated, to Part “#” of this permit (e.g., Part V.E.2.).
- F. Permittee refers to any person, as defined in 10 CSR 20-2.010, authorized by this NPDES permit to discharge to waters of the state.
- G. Storm sewer, unless otherwise indicated, refers to a municipal separate storm sewer.
- H. Storm Water Management Program refers to a comprehensive program to manage the quality of storm water discharged from the MS4.
- I. SWMP is an acronym for Storm Water Management Program.
- J. Water Protection Program is the office within the Missouri Department of Natural Resources and will serve to review the permittee’s compliance and all other aspects regarding this permit.
- K. Waters of the State is defined in 10 CSR 20-6.200 (1) (C).